

ROGO 217 US (10309703)IN THE CLAIMS

Claims 1 - 9. (Canceled)

Claim 10. (New) A method for attaching a ligand to a solid phase comprising:

(i) contacting an amine group on a surface of said solid phase with a molecule selected from the group consisting of 2-aminothiolane-HCl and N-succinimidyl-S-acetyl thioacetate, to provide a sulfhydryl group in said solid phase, and

(ii) reacting a conjugate of a ligand with a reactive group and a linker with the molecule attached to the surface of the solid phase in (i), wherein said linker contains a maleimide or sulfhydryl group or groups, to form a thiol linkage between said linker and said molecule; so as to attach said ligand to said solid phase.

Claim 11. (New) The method of claim 10, wherein said solid phase is a magnetic bead.

Claim 12. (New) The method of claim 10, wherein said ligand is an antibiotic.

Claim 13. (New) The method of claim 12, wherein said antibiotic is rapamycin or FK-506.

Claim 14. (New) The method of claim 10, wherein said linker is p-maleimidophenyl isocyanate.

Claim 15. (New) The method of claim 10, comprising contacting said surface with 2-aminothiolane HCl, followed by contacting a sulfhydryl group provided by 2-aminothiolane HCl with p-maleimido phenyl isocyanate.

Claim 16. (New) The method of claim 10, comprising contacting said surface with N-succinimidyl-S-acetylthiocyanate to provide a sulfhydryl group on said

ROCO 217 US (10359708)

surface, followed by contacting said sulfhydryl group with p-maleimido phenyl isocyanate.